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PATENT

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Customer: 20874

Title: MAGAZINE-BASED DATA CARTRIDGE LIBRARY

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Cynthia L. Losurdo

RESPONSE TO NOTIFICATION OF NON-COMPLIANT APPEAL BRIEF

Sir:

In response to the Notification of Non-Compliant Appeal Brief Office Communication mailed on November 1, 2005, Appellant hereby submits a Replacement Summary of the Invention to more concisely describe the claimed invention. Appellant has submitted herewith a petition and requisite fee for a two-month extension of time.

REPLACEMENT SUMMARY OF THE INVENTION begins on page 2 of this paper.

REMARKS begin on Page 3 of this paper.

REPLACEMENT SUMMARY OF THE INVENTION

The following language replaces in its entirety Section V.A. of the Brief on Appeal filed on August 10, 2005:

V. SUMMARY OF INVENTION

A. Brief Description of the Invention

In brief, the present claimed invention is directed to a flat conductor adapted to convey DC power to a drive means in a magazine-based data cartridge library. The library generally comprises a frame, a shelf system capable of supporting at least two data cartridge magazines, a drive means, a magazine transport device for moving one of the magazines, a data cartridge transport device for moving a data cartridge between one of the data cartridge magazines and the drive means, and a conductor for conducting DC power from a power supply to the drive means (FIGS 7A, 7B, 8A, 8B). The planar conductor 686 is comprised of a first flat external surface 686A that is substantially parallel to a second flat external surface 686B wherein the conductor 686 substantially has a rectangular cross-section, unlike a conventional conductor that has a circular cross-section (FIGS 27A-27E, paragraph [0163]). The conductor 686 provides electrical power from a power supply 216 to the drive means 700 (FIG. 27B). In an illustrative embodiment of the present invention, the electrical conductor 686 is adapted to provide power to six drive bay module assemblies 700 each capable of accommodating four drives 210. The drive bay modules 700 are positioned along the length of the conductor 686 to receive power from plugs 692A-692F which tap into the conductor through taps 698A-698D along the length of the conductor 686 to provide +5V signal, a +12V signal, and two ground paths to each drive module 700 (FIGS. 27C and 27D, paragraphs [0164] and [0164]). In the illustrative embodiment, the flat, electrical power conductor 686 is supported by a channel member 690, which is attached to a ladder frame 542 (FIG. 27C, paragraph [0164]).

REMARKS

Appellant respectfully submits herewith a replacement Section V.A (Brief Description of the Invention under section V of the Summary of Invention) to the Appeal Brief filed on August 10, 2005. The new Brief Description provides a concise explanation of the invention which clearly shows how to read the appealed claims on the specification and drawings.

Appellant notes that the published application in the image section does not include column and line numbers; hence disclosure support is referred to by the paragraph number of the published application.

* * *

Authorization To Charge Necessary Fees

The Commissioner is hereby authorized to charge any additional necessary fees associated with this submission, or credit any overpayment, to Deposit Account No. 50-0289.

Respectfully submitted,

Dated: 2/1/06



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